Construction Materials Table 2
Charles Mix County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AaA:							
Agar	90	Fair		Poor		Good	
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.90	Shrink-swell	0.87		
AaB:							
Agar	90	Fair		Poor		Good	
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.90	Shrink-swell	0.87		
AaC:							
Agar	85	Fair		Poor		Good	
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.90	Shrink-swell	0.87		
Ab:							
Albaton	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.00	Depth to saturated zone	0.00
		Carbonate content	0.97	Low strength	0.00	Carbonate content	0.97
An:							
Albaton	95	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Carbonate content	0.97	Shrink-swell	0.00	Depth to saturated zone	0.00
				Low strength	0.00	Carbonate content	0.97
Ao:							
Aowa	90	Fair		Poor		Good	
		Low content of organic matter	0.50	Low strength	0.00		
		Water erosion	0.90				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ar:							
Arlo	95	Fair		Poor		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.68			Carbonate content	0.68
						Hard to reclaim	0.82
AsA:							
Arlo	45	Fair		Poor		Poor	
		Low content of organic matter	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.68			Carbonate content	0.68
						Hard to reclaim	0.82
Enet	35	Fair		Good		Fair	
		Low content of organic matter	0.12			Hard to reclaim	0.82
BbC:							
Beadle	50	Fair		Poor		Fair	
		Too clayey	0.32	Low strength	0.00	Too Clayey	0.21
		Low content of organic matter	0.50	Shrink-swell	0.12		
		Water erosion	0.99				
Eakin	35	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.79
		Water erosion	0.90	Shrink-swell	0.87		
		Too clayey	0.95				
BcA:							
Beadle	55	Fair		Poor		Fair	
		Too clayey	0.32	Low strength	0.00	Too Clayey	0.21
		Low content of organic matter	0.50	Shrink-swell	0.12		
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Jerauld	30	Poor		Poor		Poor	
		Sodium content	0.00	Low strength	0.00	Sodium content	0.00
		Low content of organic matter	0.12	Shrink-swell	0.12	Salinity	0.00
		Too clayey	0.32			Too Clayey	0.19
		Salinity	0.88				
		Water erosion	0.99				
BdF:							
Betts	85	Fair		Poor		Poor	
		Low content of organic matter	0.12	Slope	0.00	Slope	0.00
		Carbonate content	0.92	Low strength	0.00	Salinity	0.88
		Water erosion	0.99	Shrink-swell	0.87	Carbonate content	0.92
BeE:							
Betts	45	Fair		Poor		Poor	
		Low content of organic matter	0.12	Low strength	0.00	Slope	0.00
		Carbonate content	0.92	Shrink-swell	0.87	Salinity	0.88
		Water erosion	0.99	Slope	0.92	Carbonate content	0.92
Ethan	35	Fair		Poor		Poor	
		Low content of organic matter	0.12	Low strength	0.00	Slope	0.00
		Carbonate content	0.68	Shrink-swell	0.87	Carbonate content	0.97
		Water erosion	0.99	Slope	0.92		
Bn:							
Bon	85	Fair		Fair		Good	
		Low content of organic matter	0.50	Low strength	0.22		
Bo:							
Bon	85	Fair		Fair		Good	
		Low content of organic matter	0.50	Low strength	0.22		

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BsD:							
Boyd	55	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.01	Shrink-swell	0.00	Depth to bedrock	0.58
		Depth to bedrock	0.58	Low strength	0.00		
		Water erosion	0.99				
Sansarc	35	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Shrink-swell	0.00	Depth to bedrock	0.00
		Depth to bedrock	0.00	Low strength	0.00	Slope	0.37
		Low content of organic matter	0.60				
		Water erosion	0.99				
CeB:							
Clarno	55	Fair		Poor		Good	
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99	Shrink-swell	0.87		
Ethan	25	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Carbonate content	0.97
		Carbonate content	0.68	Shrink-swell	0.87		
		Water erosion	0.99				
CeC:							
Clarno	55	Fair		Poor		Good	
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99	Shrink-swell	0.87		
Ethan	30	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Carbonate content	0.97
		Carbonate content	0.68	Shrink-swell	0.87		
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Da:							
Degrey	50	Poor		Poor		Poor	
		Sodium content	0.00	Low strength	0.00	Too Clayey	0.00
		Too clayey	0.00	Shrink-swell	0.56	Sodium content	0.22
		Low content of organic matter	0.12			Salinity	0.88
		Salinity	0.88				
		Water erosion	0.90				
Jerauld	30	Poor		Poor		Poor	
		Sodium content	0.00	Low strength	0.00	Sodium content	0.00
		Low content of organic matter	0.12	Shrink-swell	0.12	Salinity	0.00
		Too clayey	0.32			Too Clayey	0.19
		Salinity	0.88				
		Water erosion	0.99				
Db:							
Degrey	45	Poor		Poor		Poor	
		Sodium content	0.00	Low strength	0.00	Too Clayey	0.00
		Too clayey	0.00	Shrink-swell	0.56	Sodium content	0.22
		Low content of organic matter	0.12			Salinity	0.88
		Salinity	0.88				
		Water erosion	0.90				
Walke	35	Poor		Poor		Poor	
		Sodium content	0.00	Low strength	0.00	Sodium content	0.00
		Too clayey	0.00	Shrink-swell	0.47	Too Clayey	0.00
		Water erosion	0.90				
DmC:							
Delmont	50	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Low content of organic matter	0.12			Rock fragments	0.00
		Droughty	0.76			Hard to reclaim	0.32
Talmo	30	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Low content of organic matter	0.12			Rock fragments	0.00
		Droughty	0.24			Hard to reclaim	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
DnA:							
Dorna	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.45		
		Water erosion	0.99				
Du:							
Durrstein	90	Poor		Poor		Poor	
		Sodium content	0.00	Depth to saturated zone	0.00	Sodium content	0.00
		Too clayey	0.00	Low strength	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.12	Shrink-swell	0.12	Too Clayey	0.00
		Salinity	0.88			Salinity	0.00
		Water erosion	0.99				
EaA:							
Eakin	85	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.79
		Water erosion	0.90	Shrink-swell	0.87		
		Too clayey	0.95				
EbB:							
Eakin	45	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.79
		Water erosion	0.90	Shrink-swell	0.87		
		Too clayey	0.95				
Beadle	40	Fair		Poor		Fair	
		Too clayey	0.32	Low strength	0.00	Too Clayey	0.21
		Low content of organic matter	0.50	Shrink-swell	0.12		
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EdA:							
Eakin	55	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.79
		Water erosion	0.90	Shrink-swell	0.87		
		Too clayey	0.95				
Degrey	25	Poor		Poor		Poor	
		Sodium content	0.00	Low strength	0.00	Too Clayey	0.00
		Too clayey	0.00	Shrink-swell	0.56	Sodium content	0.22
		Low content of organic matter	0.12			Salinity	0.88
		Salinity	0.88				
		Water erosion	0.90				
EeB:							
Eakin	55	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.79
		Water erosion	0.90	Shrink-swell	0.87		
		Too clayey	0.95				
Ethan	25	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Carbonate content	0.97
		Carbonate content	0.68	Shrink-swell	0.87		
		Water erosion	0.99				
EeC:							
Eakin	50	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.79
		Water erosion	0.90	Shrink-swell	0.87		
		Too clayey	0.95				
Ethan	30	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Carbonate content	0.97
		Carbonate content	0.68	Shrink-swell	0.87		
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EmA:							
Enet	90	Fair		Good		Fair	
		Low content of organic matter	0.12			Hard to reclaim	0.82
EnC:							
Enet	50	Fair		Good		Fair	
		Low content of organic matter	0.12			Hard to reclaim	0.82
Delmont	35	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Low content of organic matter	0.12			Rock fragments	0.00
		Droughty	0.76			Hard to reclaim	0.32
EtD:							
Ethan	45	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Slope	0.37
		Carbonate content	0.68	Shrink-swell	0.87	Carbonate content	0.97
		Water erosion	0.99				
Clarno	40	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Slope	0.37
		Water erosion	0.99	Shrink-swell	0.87		
EuC:							
Ethan	70	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Carbonate content	0.97
		Carbonate content	0.68	Shrink-swell	0.87		
		Water erosion	0.99				
Homme	20	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Too Clayey	0.23
		Too clayey	0.24	Shrink-swell	0.64		
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GsE:							
Gavins	70	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Carbonate content	0.00	Low strength	0.00	Carbonate content	0.00
		Depth to bedrock	0.00	Slope	0.50	Depth to bedrock	0.00
		Low content of organic matter	0.50				
		Water erosion	0.90				
Sansarc	20	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Depth to bedrock	0.00	Low strength	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.60	Slope	0.50		
		Water erosion	0.99				
Gv:							
Graceville	90	Good		Poor		Good	
				Low strength	0.00		
				Shrink-swell	0.98		
HaA:							
Hand	85	Fair		Fair		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.91	Salinity	0.88
Hb:							
Haynie	90	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Carbonate content	0.97
		Water erosion	0.90				
		Carbonate content	0.97				
Hc:							
Haynie Variant	90	Fair		Poor		Good	
		Low content of organic matter	0.12	Low strength	0.00		
HeB:							
Henkin	90	Fair		Good		Good	
		Low content of organic matter	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HgA:							
Highmore	85	Fair		Poor		Good	
		Low content of organic matter	0.50	Low strength	0.00		
		Water erosion	0.90	Shrink-swell	0.87		
HhB:							
Highmore	50	Fair		Poor		Good	
		Low content of organic matter	0.50	Low strength	0.00		
		Water erosion	0.90	Shrink-swell	0.87		
Eakin	25	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.79
		Water erosion	0.90	Shrink-swell	0.87		
		Too clayey	0.95				
HlA:							
Highmore	60	Fair		Poor		Good	
		Low content of organic matter	0.50	Low strength	0.00		
		Water erosion	0.90	Shrink-swell	0.87		
Walke	25	Poor		Poor		Poor	
		Sodium content	0.00	Low strength	0.00	Sodium content	0.00
		Too clayey	0.00	Shrink-swell	0.47	Too Clayey	0.00
		Water erosion	0.90				
HmB:							
Homme	40	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Too Clayey	0.23
		Too clayey	0.24	Shrink-swell	0.64		
		Water erosion	0.99				
Ethan	30	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Carbonate content	0.97
		Carbonate content	0.68	Shrink-swell	0.87		
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Onita	15	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.59		
		Water erosion	0.90				
HoA:							
Homme	60	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Too Clayey	0.23
		Too clayey	0.24	Shrink-swell	0.64		
		Water erosion	0.99				
Onita	30	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.59		
		Water erosion	0.90				
HoB:							
Homme	60	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Too Clayey	0.23
		Too clayey	0.24	Shrink-swell	0.64		
		Water erosion	0.99				
Onita	25	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.59		
		Water erosion	0.90				
HuA:							
Houdek	85	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.87		
HuB:							
Houdek	85	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.87		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hv:							
Hoven	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Sodium content	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.12	Sodium content	0.00
		Salinity	0.88			Salinity	0.00
		Water erosion	0.99				
InB:							
Inavale	80	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00				
		Droughty	0.12				
		Low content of organic matter	0.12				
Norway	20	Poor		Poor		Poor	
		Wind erosion	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too sandy	0.11			Too sandy	0.11
		Low content of organic matter	0.12				
		Droughty	0.35				
IvA:							
Inavale	90	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00				
		Low content of organic matter	0.12				
		Droughty	0.80				
Ix:							
Norway	90	Poor		Poor		Poor	
		Wind erosion	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too sandy	0.11			Too sandy	0.11
		Low content of organic matter	0.12				
		Droughty	0.35				

Construction Materials Table 2
Charles Mix County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LaA:							
Lane	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.12		
		Water erosion	0.99				
LaB:							
Lane	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.12		
		Water erosion	0.99				
LoA:							
Lowry	85	Fair		Fair		Good	
		Low content of organic matter	0.50	Low strength	0.22		
		Water erosion	0.90				
LoB:							
Lowry	85	Fair		Fair		Good	
		Low content of organic matter	0.50	Low strength	0.22		
		Water erosion	0.90				
LoC:							
Lowry	85	Fair		Fair		Good	
		Low content of organic matter	0.50	Low strength	0.22		
		Water erosion	0.90				
LrF:							
Lowry	55	Fair		Fair		Fair	
		Low content of organic matter	0.50	Low strength	0.22	Slope	0.63
		Water erosion	0.90				

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Charles Mix County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Gavins	30	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Carbonate content	0.00	Low strength	0.00	Carbonate content	0.00
		Depth to bedrock	0.00	Slope	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.50				
		Water erosion	0.90				
LsD:							
Lowry	55	Fair		Fair		Fair	
		Low content of organic matter	0.50	Low strength	0.22	Slope	0.37
		Water erosion	0.90				
Sully	30	Fair		Fair		Fair	
		Low content of organic matter	0.50	Low strength	0.22	Slope	0.37
		Water erosion	0.90				
M-W:							
Miscellaneous Water Area	100	Not rated		Not rated		Not rated	
MeE:							
Meadin	90	Poor		Fair		Poor	
		Too sandy	0.00	Slope	0.08	Slope	0.00
		Low content of organic matter	0.12			Too sandy	0.00
		Droughty	0.18			Rock fragments	0.00
		Too acid	0.97			Hard to reclaim	0.00
Mo:							
Mobridge	90	Fair		Poor		Good	
		Low content of organic matter	0.50	Low strength	0.00		
		Water erosion	0.90	Shrink-swell	0.89		

Construction Materials Table 2
Charles Mix County, South
Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Mu:							
Munjor	90	Fair		Good		Fair	
		Low content of organic matter	0.12			Too sandy	0.15
		Too sandy	0.15			Carbonate content	0.92
		Carbonate content	0.92				
OeF:							
Okaton	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Depth to bedrock	0.00	Low strength	0.00	Depth to bedrock	0.00
		Water erosion	0.99	Slope	0.00		
Oh:							
Onawa	90	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Carbonate content	0.97
		Water erosion	0.90	Shrink-swell	0.78		
		Carbonate content	0.97				
Om:							
Onawa	90	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Carbonate content	0.97
		Water erosion	0.90	Shrink-swell	0.78		
		Carbonate content	0.97				
On:							
Onita	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.59		
		Water erosion	0.90				
Oo:							
Onita	50	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.59		
		Water erosion	0.90				

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Charles Mix County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Davison	35	Fair		Fair		Fair	
		Low content of organic matter	0.50	Low strength	0.22	Carbonate content	0.84
		Carbonate content	0.84	Shrink–swell	0.87	Depth to saturated zone	0.98
		Water erosion	0.99	Depth to saturated zone	0.98		
Or:							
Orthents, Loamy	80	Not rated		Not rated		Not rated	
Os:							
Onita	60	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink–swell	0.59		
		Water erosion	0.90				
Hoven	25	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Sodium content	0.00	Low strength	0.00	Too Clayey	0.00
		Salinity	0.88	Shrink–swell	0.12	Sodium content	0.00
		Water erosion	0.99			Salinity	0.00
Ot:							
Onita	55	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink–swell	0.59		
		Water erosion	0.90				
Tetonka	25	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.99	Low strength	0.00	Too Clayey	0.00
				Shrink–swell	0.17		

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Charles Mix County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Pg:							
Orthents, Gravelly--	100	Fair		Not Rated		Poor	
		Droughty	0.05	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.12			Slope	0.00
		Too sandy	0.14			Too sandy	0.14
						Hard to reclaim	0.18
PoA:							
Promise----------	90	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				
PoB:							
Promise----------	90	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				
Pr:							
Prosper----------	90	Fair		Poor		Fair	
		Too clayey	0.98	Low strength	0.00	Too Clayey	0.93
				Shrink-swell	0.89		
Sa:							
Salmo----------	85	Fair		Poor		Poor	
		Salinity	0.88	Low strength	0.00	Depth to saturated zone	0.00
		Carbonate content	0.97	Depth to saturated zone	0.00	Salinity	0.00
		Sodium content	0.97	Shrink-swell	0.87	Sodium content	0.98
		Too clayey	0.98			Too Clayey	0.98

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Sm:							
Salmo	50	Fair		Poor		Poor	
		Salinity	0.88	Low strength	0.00	Depth to saturated zone	0.00
		Carbonate content	0.97	Depth to saturated zone	0.00	Salinity	0.00
		Sodium content	0.97	Shrink-swell	0.87	Sodium content	0.98
		Too clayey	0.98			Too Clayey	0.98
Napa	35	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Sodium content	0.03	Shrink-swell	0.00	Salinity	0.00
		Salinity	0.88	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.99			Sodium content	0.02
SnF:							
Sansarc	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Slope	0.00	Too Clayey	0.00
		Depth to bedrock	0.00	Shrink-swell	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.60	Low strength	0.00		
		Water erosion	0.99				
SoF:							
Sansarc	50	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Slope	0.00	Too Clayey	0.00
		Depth to bedrock	0.00	Shrink-swell	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.60	Low strength	0.00		
		Water erosion	0.99				
Boyd	30	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.01	Shrink-swell	0.00	Too Clayey	0.00
		Depth to bedrock	0.58	Low strength	0.00	Depth to bedrock	0.58
		Water erosion	0.99	Slope	0.50		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SrF:							
Sansarc	55	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Depth to bedrock	0.00	Low strength	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.60	Slope	0.00		
		Water erosion	0.99				
Rock Outcrop, Soft	30	Not rated		Not rated		Not rated	
SuE:							
Sully	80	Fair		Fair		Poor	
		Low content of organic matter	0.50	Low strength	0.22	Slope	0.00
		Water erosion	0.90	Slope	0.92		
TaC:							
Talmo	100	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Droughty	0.08			Rock fragments	0.00
		Low content of organic matter	0.12			Hard to reclaim	0.00
TbE:							
Talmo	70	Poor		Fair		Poor	
		Too sandy	0.00	Slope	0.92	Too sandy	0.00
		Low content of organic matter	0.12			Rock fragments	0.00
		Droughty	0.24			Hard to reclaim	0.00
						Slope	0.00
Betts	20	Fair		Poor		Poor	
		Low content of organic matter	0.12	Low strength	0.00	Slope	0.00
		Carbonate content	0.92	Shrink-swell	0.87	Carbonate content	0.92
		Water erosion	0.99	Slope	0.92		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Te:							
Tetonka	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.99	Low strength	0.00	Too Clayey	0.00
				Shrink-swell	0.17		
Tn:							
Tetonka	55	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.99	Low strength	0.00	Too Clayey	0.00
				Shrink-swell	0.16		
Chancellor	25	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.12		
W:							
Water	100	Not rated		Not rated		Not rated	
Wd:							
Wendte Variant	90	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Water erosion	0.99	Low strength	0.00	Depth to saturated zone	0.91
				Depth to saturated zone	0.91		
Wo:							
Worthing	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Water erosion	0.99	Low strength	0.00	Depth to saturated zone	0.00
				Shrink-swell	0.00		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Wp:							
Worthing----------	100	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Water erosion	0.99	Low strength	0.00	Depth to saturated zone	0.00
				Shrink-swell	0.00		